T. Egle

Stauffer Chemicals

STAUFFER CHEMICAL COMPANY

APPROPRIATION REQUEST NO. 186-135

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AR0017

DIVISION OR COMPANY	LOCATION	DATE SUBMITTED	AMOUNT OF THIS REQUEST
ontrose Chemical Corp. of Calif.	Torrance, Calif.	8/4/69	$7800
NAME OF PROJECT	**DEPRECIATION RATE**	**PROPOSED STARTING DATE**	**PREVIOUS AMOUNT REQUESTED**
ater Pollution Control System		Immediate	
CLASSIFICATION CAPITAL ☐ EXPENSE ☐	**REPORT OF CHANGES REQUIRED** YES ☐ NO ☐	**EST. COMPLETION DATE** 10/1/69	**REVISED A/R AMOUNT**

INVESTMENT $M	IMMEDIATE	TOTAL OVER LIFE OF PROJECT
APPROPRIATED FUNDS – (AMOUNT OF THIS REQUEST)		
WORKING CAPITAL		
TOTAL INVESTMENT		

RETURN ON INVESTMENT $M	YEAR 1	AVERAGE
NET SALES		
NET EARNINGS		
CASH FLOW		
R.O.I.	[redacted]	%
PAYOUT PERIOD	[redacted]	YRS.
PRESENT VALUE RETURN	[redacted]	

EFFECT OF CHANGES IN MAJOR ECONOMIC FACTORS – $M

	AVERAGE NET EARNINGS	AVERAGE R.O.I.	PAYOUT PERIOD
% DECREASE IN VOLUME			
% DECREASE IN SALES PRICE			
OTHER (DESCRIBE):			

AVERAGE NET SALES AT BREAK-EVEN POINT $ _____

RESPONSIBILITY ASSIGNMENTS:			
PROJECT MANAGER	J. L. Kallok	ENGINEERING – CAPITAL COST EST.	J. L. Kallok
PROCESS RESPONSIBILITY		CONSTRUCTION BY	Montrose
SALES VOLUME AND PRICING		PROJECT COST CONTROLS–REPORTING	
PRODUCTION COST FORECAST		SAFETY	J. L. Kallok
		POLLUTION CONTROL	J. L. Kallok

DESCRIPTION OF PROJECT

It is proposed to isolate and reroute certain water effluents containing DDT to the settling pond for settling out entrained DDT. A plate and frame filter press will be installed to remove the last traces of DDT before pumping the pond effluent to the sewer.

Distribution

1. A. R. Wilcox
2. S. Rotrosen
3. W. A. Smith
4. W. Egle
5. G. R. Bowland (2)
6. K. M. Overbeck

APPROVED BY – DATE		
ORIGINAL SIGNED BY A. R. WILCOX A. R. Wilcox 8/6/69	DIVISION MANAGER/CORPORATE V.P.	EXECUTIVE V.P.
ORIGINAL SIGNED BY M. SOBELMAN M. Sobelman 8/6/69	DIRECTOR OF TRANSPORTATION	PRESIDENT
ORIGINAL SIGNED BY S. ROTROSEN S. Rotrosen 8/8/69	V.P. ENGINEERING ☐ APPROVED ☐ REVIEWED ☐ NOTED	EXECUTIVE COMMITTEE
DIRECTOR OF RESEARCH XXXXXXXXX ORIGINAL SIGNED BY G. R. Bowland G. R. BOWLAND 8/14/69	CONTROLLER	BOARD OF DIRECTORS

FORM 0820-000-00

0639-95936

Supplemental Information to A. R. 186-135

1. Background Information

More elaborate instrument analysis of the water effluent from the DDT washing system, the Dust Plant and the main sewer effluent indicated that trace levels of DDT and DDT-like compounds are entering the Los Angeles County sewer from our plant. Steps should be taken to prevent this DDT from entering the sewer effluent in order to avoid difficulty with regulatory agencies.

2. Purpose and Justification of Proposed Work

The present trap tanks and sump boxes do a fair job in keeping entrained DDT out of the sewer. However in order to reduce the entrainment still further additional settling and filtering will be necessary.

3. Detailed Description of Proposed Work

It is proposed to reactivate the present settling pond and use it to settle out the major portion of the DDT in our water effluent. A 24" plate and frame filter press, complete with a pump and precoat system will be installed to remove the last traces of filterable DDT from the pond effluent prior to pumping it to the sewer. It is planned at this time to pipe the waste caustic liquor and Dust Plant water effluent to the pond for settling. The sewer from the dust plant will be combined with the dust plant surface drainage in a common sump. The water collected in this sump will then be pumped to the settling pond by means of a sump pump and overhead pipe lines.

This project will remove the major continuous flow sources of DDT, but do not provide complete control of accidental spills or for contaminated drainage throughout the plant. Studies are now being made to pinpoint these sources and devise means of avoiding their entering the sewers.

4. Estimated Cost of the Project

1.	Materials and labor to combine the surface and sewer drains and to install a concrete pump basin at the dust plant	$ 300
2.	Pipe and fittings 4" already on hand	1,090
3.	20 H.P. sump pump and motor	1,360

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- Estimated Cost of the Project continued

4.	Electrical materials 2 circuits	750
5.	Filter press (used quoted price)	550
6.	7½ H.P. pump, motor and base	950
7.	Precoat tank	200
8.	Filter piping and valves Pacific Clay -	250
9.	Labor	1,650
	Total	$7,100
	Contingency 10%	700
	Final Total	$7,800

- Long Range Investment

None.

- Start-Up Expense

None.

- Additional Use of Plant Facilities

None.

- Alternates to this Appropriation Request

None.

- Safety

All normal safety precautions will be taken and the ndersigned will be responsible for the safety aspects of this roject.

J. L. Kallok

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LK:cg